

A' a change in the weight of the load and [formulating]
formulates data indicative of hauling conditions of the
vehicle. Pressure data and indications of changes in the
data are used by the sensor processing unit to establish a
historical data base from which various hauling parameters
may be monitored either by the sensor processing unit
itself or by a remotely located central station linked to
the on-board processing unit. Preferably, additional
sensors are added to the vehicle to provide additional
data that, when taken with the weight data, provides a
historical data base which more completely reflects
vehicle operating conditions. The accumulated data of the
historical data base are used to formulate management
decisions directed to the future operation of the vehicle
and with this operation then intended to achieve a
predetermined management goal. EA

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In the Title:

Delete the phrase "and method".

In the Claims:

Please amend claims 1-30 and add new claims 31-36.

1. (Once Amended) [(Comment: Load plus historical
data base)] A system for acquisitioning and accumulating
data indicative of haulage events executed by [the
operation of] a haulage vehicle, [said] the system
comprising: